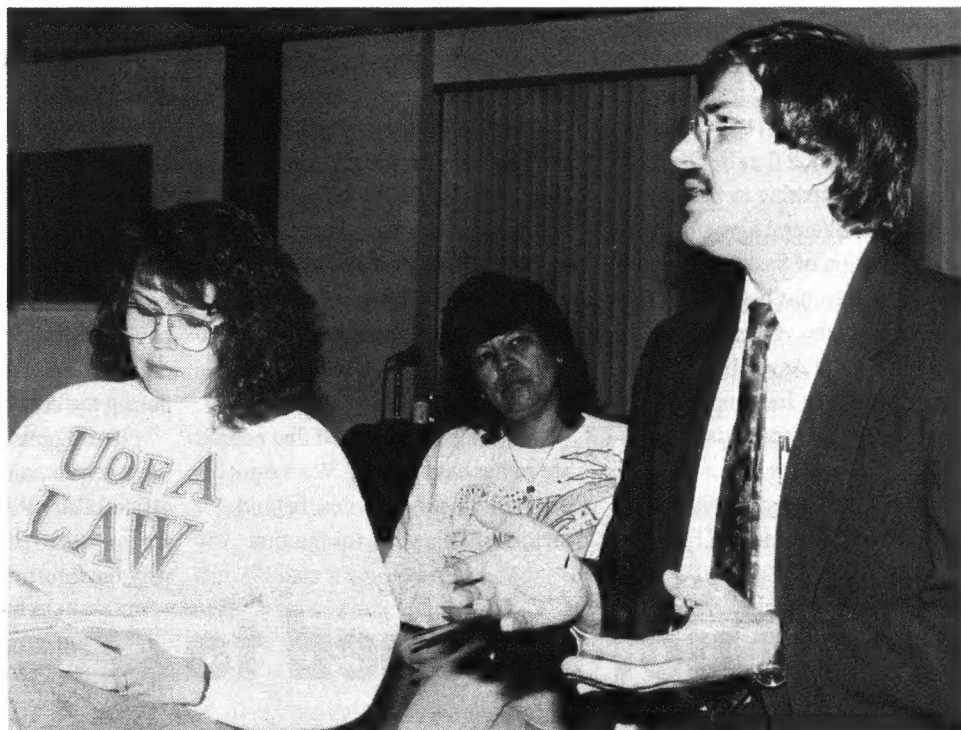


# FOLIO

15 MARCH 1991

## Indigenous law program established by Law Faculty



Director of the Indigenous Law Program Larry Chartrand and law student Carolyn Buffalo

There are about 170 to 180 practising lawyers of aboriginal descent in Canada, says Don Purich, Director of the University of Saskatchewan's Program of Legal Studies for Native People.

Here at the University of Alberta, the Faculty of Law has taken an important step that may help in swelling the ranks of native lawyers in Canada. With the establishment of the Indigenous Law Program, faculty members are hopeful that more native students will study law at the U of A.

Larry Chartrand, newly hired director of the Indigenous Law Program, estimates that there are 20 native lawyers who are actively practising law in the province. However, Chartrand sees the program's goals as much more multifaceted than simply increasing the numbers of native students in the law school and in the profession.

As well as addressing the underrepresentation of native lawyers in Canada, Chartrand believes the Faculty's program will help foster cultural and ethnic diversity within the Faculty itself and in the profession generally.

But it's not just a one-way street, he cautions. A third goal of the program will be to provide cross-cultural

education for the law school faculty, staff and student body. That's going to take work, he says.

A fourth goal—one the 27-year-old Metis who received his law degree from Osgoode Hall Law School admits may be controversial—is to help compensate indigenous peoples for societal wrongs as a result of colonialism, intolerance, direct and structural discrimination.

"I see law not only as a career, but as a way of acquiring political power," he says, adding that native people who hold law degrees may be in a better position to deal with the Anglo-Canadian culture.

First-year native law student Carolyn Buffalo says it's sometimes difficult sitting in class, learning about a legal system which is based on free market principles and common law traditions—antithetical notions to native traditions. "But your job is to learn as a law student. What keeps you going is knowing that when you get out [of law school] you'll be involved in changing things," she recently told a group of native students during Native Awareness Days.

Dean Tim Christian said if the program graduates three to five native students per year, in a decade 30 to 50 native lawyers would be as-

suming leadership roles within their own communities and in the broader community. "This will have a significant impact on the politics and society of Alberta."

Although the Faculty for a number of years had a system for allowing native students to apply as special students, the Dean and many in the law school felt the Faculty wasn't doing enough to recruit native students and support them while they were in the program. So, a funding proposal was submitted by the law school to the Alberta Law Foundation for a grant of \$121,000 for a period of two years. The grant, which was approved, will cover personnel, supplies and services costs.

At the end of the two years, the Faculty is hopeful the Foundation will entertain another proposal to keep the program going.

There are four components of the program, explains Chartrand. The first, an admissions policy, will be designed to reflect cultural and linguistic differences. The Faculty will also be encouraging native applicants, for preparation, to take the University of Saskatchewan's Program of Legal Studies for Native People.

The eight-week program, explains Purich, emphasizes skills development, introduces students to legal materials and is used by law schools as a screening device to determine students' potential. "We estimate that of those students we recommend to law schools, about 60 percent of the students will get their law degrees," says Purich.

The second component, support services, will include personal and academic counselling services.

Chartrand wants to establish a peer tutorial program, orientation sessions and LSAT preparation seminars. He'll tackle placement coordination and wants to encourage native law students to set up their own association.

The third component, academic programs, is, according to Chartrand, a crucial element of the program. He wants to encourage professors to look at the curriculum to determine where aboriginal content can be incorporated. A proposed course called First Nation's Law will emphasize the study of Canada's First Nation's laws from an indigenous perspective.

Dean Christian says he foresees an enhancement within the Faculty of the native law course offerings. "The program will have an influence on the way we approach topics and make us more sensitive to the dangers and difficulties of stereotyping." And, of course, students and faculty can look forward to interesting discussions on the issues.

The fourth component, community liaison, will involve reaching out to the native community. Chartrand expects to work with native and non-native governments, individuals and institutions, and serve as a resource person for Metis and First Nation governments. He'll be working with University groups as well, and the establishment of an advisory board is planned.

Continued on page 3

### BEARS BEST COUGARS

A 4-3 win over the Regina Cougars in the third and deciding game of the Canada West hockey final advances the Golden Bears to the national championship in Toronto, 22 to 24 March.

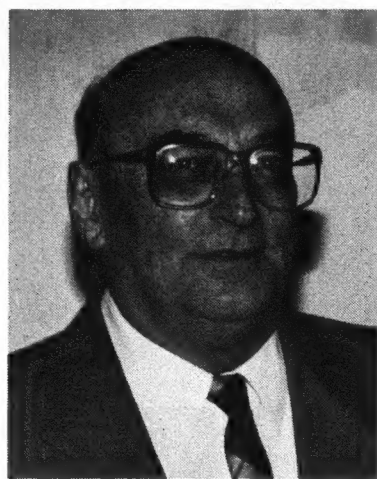
The Bears wrapped up the close series (each game was decided by one goal) last Sunday at Clare Drake Arena.

### INSIDE

- Auditor General has advice for business schools
- Tom Berger flies Canada's colours
- Sociologist discusses complexities of health care system
- FUME strengthens undergraduate medical education



## Renato Cirillo, 1920 - 1991



Renato Cirillo

**R**enato Cirillo, Emeritus Professor in the Department of Economics, died on 21 January at Sliema, Malta.

Professor Cirillo was a noted teacher and scholar in the history of economic thought. He was the author of a large number of scholarly papers, primarily on the works of Leon Walras, and a book on the economics of Vilfredo Pareto. Professor Cirillo brought a broad intellectual background and a deep humanity to the study of economics. He emphasized the moral and political dimensions of economic issues, and these qualities were highly appreciated by his students. His cheerful

smile and gentle humour will be missed by his many friends across campus.

Professor Cirillo was born in Floriana, Malta, in 1920. He received a Bachelor of Arts degree in 1943 and a Doctor of Divinity degree in 1947 from the Royal University of Malta. In 1948, he received a bachelor's degree in political science from the University of Louvain, and in 1952 an MSc in economic theory and the history of economic thought from the University of London. From 1952 to 1965, he taught in the Department of Economics at the Royal University of Malta. In 1965-66, he lectured at the Catholic University of America in Washington, D.C. He joined the University of Alberta in 1966 and was promoted to full professor in 1978. Professor Cirillo officially retired in 1986, but he continued to lecture, on a part-time basis, until December 1989.

A memorial service for Renato Cirillo will be held in the chapel of Saint Joseph's College, 5 April at 3:30 pm.

## Native people urged to participate in census

**N**ative people in Canada have been reluctant to participate in the national census, says a representative from the Alberta Regional Office of Statistics Canada. And about 140 reserves didn't participate in the last census, Jerry Page told demographers, sociologists and other interested people who attended a 27 February seminar outlining some of the major features of the coming census.

"Why? I don't think we did a very good job of telling them why the census was important, nor did they understand how to use the data—and I don't mean that in a derogatory way," Page said. "Once every five years we come out of the woodwork and tell people how important it is to complete the census."

"This time, given the long, hot summer of last year [a reference to the crisis at Oka, Quebec], and given that native people are probably at a critical crossroads in their history, we're finding that they're very interested in participating in the census." Page said a bilateral agreement with the Federation of Saskatchewan Indian Nations has been signed and another is on the verge of being signed with the Assembly of Manitoba Chiefs. The Indian people will be collecting their own data, he explained.

In the Northwest Territories, the census begins earlier (1 March)

than in the rest of the country because many native people go out on the land after spring breakup.

Page said that as a result of the passage of Bill C-31, a bill which allows native women who have married non-Indians to regain their Indian status, projections are for the addition of 90,000 to the category of status Indians.

The 1991 census 4 June is expected to cost taxpayers \$253.6 million, up from the \$189.6 million it cost in 1981, say representatives from the Alberta Regional Office of Statistics Canada.

That translates into about \$23.98 a household for the 1991 census, Page said. "Why the increase? There's been a 20 percent increase in the number of dwellings in Canada in the last decade, 8.8 million in 1981 and now at 10.6 dwellings."

"In 1981 our coverage rate—how well we're doing in counting all the people in all the households—was about two percent. It rose rather sharply to 3.2 percent when we did our census in 1986," he said. As a result, senior managers at Statistics Canada wanted to try to curb this trend.

"We take for granted that people are rather easy to find. We've got people living over stores, behind factories. This year, for the first

time, census officials will be attempting to determine the numbers of homeless people in the country.

Four out of five households will receive basic census forms, while every fifth household will receive a longer form, covering areas such as religion, fertility, labour force activity, education and ethnic origin. "We will be looking at common law status, the ability to converse in other languages, not just the two official languages, and landed immigrant status because of the recent influx of new Canadians."

It could cost your community money if you don't "count yourself in" during Census Day, said Page. For every man, woman and child not counted during the census, a municipality stands to lose between \$3,000 and \$4,000.

Acknowledging that Ontario, Alberta and British Columbia are "have provinces" because of their economic status, Page said the transfer payments nevertheless provide important funding for areas such as health and education. The federal government bases many transfer payments affecting municipal grants on the number of people enumerated during the census.

The biggest problem in conducting a census, said Statistics Canada official Peter Palfenier, is that people are not aware of the purpose and why the information is needed.

## FOLIO

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### Deadlines:

**Notice of coming events:** 9 am three weeks in advance of event.

**Classified advertisements:** 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements.

Advertisements cost 40 cents per word with no discount for subsequent insertions. There is a limit of 30 words and a minimum charge of \$2.00.

Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

**Display advertisements:** 3 pm Thursday, eight days before desired publication date. Camera ready artwork is required to size, complete with halftones if necessary. Contact Public Affairs for sizes, rates and other particulars.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements.

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## Business schools not attuned to public sector dollar

### AUDITOR GENERAL CALLS FOR MORE OUTPUT DATA

**C**anadian business schools are not training young people to understand the significance of the public sector dollar, the Auditor General of Canada told business students, faculty members and off-campus guests 5 March.

"The academics who set the programs, to some extent, should do something about that," said Ken Dye. "Let's train our young people to understand how to run this country. Some of you are going to do that, and you might as well do it well instead of screwing it up."

Dye said the Canadian Academic Accounting Association, the American Accounting Association and accounting academics have a vast concept of how they're going to market MBA programs and undergraduate programs in the business sector in North America. "They had 34 different interesting topics, not one of which had a whit to do with the public sector, yet 40 to 50 percent of our economy is focused on the public sector."

"Perhaps the academics could also help managers focus on outputs instead of inputs," he said. "Everybody in Alberta probably knows how much the provincial govern-

ment tosses into the university system here. But I wonder if anybody knows whether the university students are literate?"

"Do you know whether your kids in grade 6 can compete with the kids in British Columbia or Ontario or Japan or wherever else in this world that we have to be internationally competitive? And we don't. We throw money at things. The health programs get billions. How many people are healthy? How many kids live longer? We need that kind of output data."

The Auditor General said society needs to refocus the whole debate to one of questioning what we're getting for our money, "instead of all this nonsense about the inputs. You can't ignore the inputs, but let's find out what we're paying for."

To an MPM student who asked how university output could be measured, Dye said there's all kinds of surrogate measures one can come up with. "I'd suggest you look to Europe. In the health field, take a look at Britain and in the education field take a look at Denmark. They've really done some interesting work on performance measurement and evaluation."

Ken Dye: "We throw money at things."





# Berger wants Quebec to stay, but not at any price

It's wrong for the Prime Minister or other leaders to offer to build "constitutional half-way houses" in which English Canada, if it is to survive, with or without Quebec, can not agree to take up residence, says Tom Berger.

"English Canada must take independence seriously, but so must Quebecers," said the former Supreme Court of British Columbia Justice, who delivered the annual Martland Lecture at the Faculty of Law 7 March.

"If Quebec opts for independence," said Berger, "the country's political leaders must understand that English Canadians will not contenance the dismantling of the federal institutions and federal programs that we have built over the past century.

"We rejected Meech Lake because it impaired the powers of our central government," said Berger, who had opposed the proposed constitutional amendment. "Why would we now go farther than Meech did? An independent Quebec would be truly independent. But so would Canada.

"A deal cobbled together to keep Quebec in will undermine our federal institutions, threaten the capacity of the federal government to protect minorities, and certainly make it impossible to settle outstanding questions of aboriginal land claims and aboriginal self-government," said the author of the 1977 report "Northern Frontier, Northern Homeland," which recommended a moratorium on the construction of a pipeline in the Mackenzie Valley before land claims were settled.

Pointing out that even those in Quebec who support the province's independence still want a common

currency, customs union and joint central bank, Berger asked, "Why would we agree after Quebec separated that control of our central bank and our currency, of fiscal and monetary policy, should be shared with another country?

"An independent Quebec would have to choose: true independence, its own currency, and its own central bank," he said, adding that sharing these powers would mean Quebec would have even less influence over fiscal and monetary power than it does now.

Nor would Quebec independence mean the resolution of many questions, he said. "It would at once be faced with the very questions that now confront Canadians: the rights of a great linguistic minority with a right to be considered a founding people, the claims of the aboriginal peoples, and the place in the new state of a multitude of ethnic and racial minorities," the long-time advocate of native rights pointed out.

Berger, a former leader of the BC NDP, said he hoped Quebecers would choose to remain in Canada, but he rejected the idea that Canada could be equated with Pakistan if Quebec left. "A better example would be the United States, which is a Pakistan of North America: it has 48 contiguous states, and Alaska, with Canada's land mass in between," he noted, adding that the Atlantic provinces could still remain an integral part of Canada.

Berger urged his listeners not to be overly despondent. "Is there another country where you would prefer to live? Haven't we here in the snow and scenery built a nation worth preserving?"



Tom Berger now practises law in Vancouver.

He is the author of *Fragile Freedoms* (1982).

Canada does not have an overarching national ideal... "and we are better off without it. We have been able to do without mindless patriotism. We are not ruled by any triumphant ideology. We could be the nation-state of the 21st century, in which the citizen's own identity does not have to be authenticated by a spurious nationalism."

Underlying many of the country's national institutions and social programs is an idea—the idea that there must be a government of all Canadians and federal institutions to serve all Canadians.

Berger has been a vocal participant in the constitutional debates, particularly during the 1980s. In 1981, while still a Justice, he criticized the federal-provincial constitutional accord because of the removal of Quebec's veto and aboriginal rights. In response, the Canadian Judicial Council, in 1982, criticized him for his "indiscretion".

## Inuit still dealing with boom and bust

Perplexing and disturbing questions on how the North can deal with boom and bust economic cycles remain unanswered, says Chuck Hobart (Sociology). Nor is trapping any longer a paying activity for the Inuit because of, among other factors, the efforts of Greenpeace.

Speaking on the "Impact of Industry on Northern Families"—specifically on his work in Inuit communities—as part of the "Human Ecology Issues in the North" interdisciplinary series, Dr Hobart said Inuit are sustaining themselves with a combination of wage employment, resource harvesting and welfare payments.

"The unfortunate thing is that it doesn't provide children with positive self images, and they don't have successful role models to identify with," Dr Hobart said 5 March. Tourism and commercial char fishing are providing a few jobs, however.

"And although the Inuit birth rate has gone down, it's still quite a rapidly growing population, so the

population is simply outgrowing the support base of the home areas. And that tends to exacerbate the problems."

Comparing the experiences of Inuit communities with industrial activities, such as Coppermine, Arctic Bay and Tuktoyaktuk, Dr Hobart spent the bulk of his seminar explaining the consequences of various working schedules at the various sites on Inuit families.

Based on his research, Dr Hobart said it appears that the people of Coppermine's experiences with a Gulf oil project were more favourable than other communities' experiences. He noted that the 14 days on and 7 days off schedule was not nearly as disruptive of resource harvesting activities as, for example, the six weeks on and two weeks off work schedule at the Nanisivik Mine.

"Industrial employment is important to the Inuit. There's no way they can go back, because trapping requires money now," he said. "The ideal is some sort of complementary

situation where people have industrial employment and do resource harvesting as well."

But, he said, a mine at Rankin Inlet, which shut down after only three years, exemplifies all too well the boom and bust cycle in the North.

In the past, governments have told companies working in the North that they must hire native people, he said, but those same governments have not had anything to say about work rotation schedules. That leverage really has to come from governments through the issuing of the necessary permits and licences in order to engage in drilling or mining, so that work rotation schedules, sensitive to Inuit communities, can be established, Dr Hobart advocated.

He also pointed out that the last decade of land claims negotiations has meant that business has backed off in a time of uncertainty, and mineral markets have also been depressed.

## YEAR-END CLOSINGS - 1990-91

The fiscal year of the University ends on 31 March. In 1991, the last day of business for the 1990-91 fiscal year will be Thursday, 28 March. All business transacted up to, and including that date, is to be included in the 1990-91 fiscal year.

With reference to the requirements outlined in the Manual of Administrative Policies, Procedures, and Services, Sections 02-120-00 to 012, following are the submission deadlines for all University accounts, including Research and Trust. Because of the extremely high volume of activity to be processed by the Office of the Comptroller at this time of year, recording of transactions in the appropriate period cannot be guaranteed. Submissions of information before the stated deadlines will improve the probability of accuracy in your accounts.

Thursday, 28 March, 4 pm - cash revenue deposits

Tuesday, 2 April, 3 pm - petty cash reimbursements

Tuesday, 2 April, 12 noon - casual payroll requisitions

Wednesday, 3 April, 12 noon - hourly payroll requisitions

Thursday, 4 April, 12 noon - suppliers' invoices to Materials Management

Friday, 5 April, 4 pm - travel claim reimbursements

Monday, 15 April, 4 pm - interdepartmental billings and journal entries

All charges to the 1990-91 year must:

a) be supported by invoices dated 31 March or earlier;

b) represent goods or services received in 1990-91;

c) be clearly marked "90-91."

All transactions not in the hands of the Comptroller by the above dates will be processed as first charges against budgets for the following year.

Enquiries regarding cut-off procedures should be made to the Office of the Comptroller - General Accounting Section (492-4183 or 492-1980).

## A lesson in demographics

David Foot, Professor of Economics at the University of Toronto, will present the fifth Eric J Hanson Memorial Lecture next week.

In his talk entitled "Demography, Dependency, and Deficits: the Case of Alberta," Dr Foot will highlight the impacts of demographic developments on government budgets and do so in the context of the Alberta economy.

The lecture, which is sponsored by the Department of Economics, will take place 21 March at 3:30 pm in L-1 Humanities Centre.

Dr Foot, born in England and raised in Australia, is a graduate of Harvard University whose research has focused on the links between the economy and the population and its age structure, or demographics. He has published extensively on a variety of topics which illustrate the links between demography and the economy—immigration, future labour market trends, and changing consumer expenditures patterns—to name a few.

Besides his academic writings, Dr Foot's contributions to public policies have included research and submissions for the Ontario Task Force on Mandatory Retirement (1987) and the Vision 2000 review of Ontario's college system (1990).

## Law Program Continued from page 1

Can the program be mutually advantageous? Chartrand believes two world views can coexist and he's hopeful the program will allow native students to earn law degrees without being unwillingly assimilated. "I strongly believe that aboriginal people should represent aboriginal people. White lawyers will always have particular biases."

Asked how the Faculty can ensure the program is not marginalized within the school, Dean Christian says, "There's no doubt this undertaking will generate some difficulties. My view is that we'll deal with them when they occur." He says faculty members are committed to the program and "I'd say to students: 'Give us a chance.'"

Chartrand notes that there are nine native students in the law school now and is hopeful there will be an increase in the number of applicants next year. Dean Christian says no targets have been set, but the Faculty wants to recruit the most talented native students from across the country.

The University isn't reinventing the wheel. Other universities, such as Ottawa, UBC and Saskatchewan, have had similar programs for some time and a more recent program—the Program for Indigenous Blacks and Micmacs—is being developed at Dalhousie. That program is designed to provide support services for students before admission and during their time in the LLB program. Chartrand says Osgoode Hall and UBC have always been active in attracting native students.

Catherine Bell (Law), who teaches a native law course, says it's important that the Faculty's program not simply reproduce other programs, but that it work cooperatively and in complementary fashion with programs such as those at UBC and Saskatchewan.

Native students are under a great deal of pressure, says Buffalo. Non-native students expect native students to "prove themselves" and native students often have to deal with the "drag down syndrome" they encounter in their communities. On the other hand, native students do receive support from people in their communities, fellow students and some professors in the law school.

The short term objectives of the program, Professor Bell concludes, are: to increase the number of native law students; provide an atmosphere in which aboriginal students feel comfortable; and more generally create a heightened awareness of the issues within the faculty. The longer term objective is to graduate more native lawyers who will take their place in the justice system, "and help to bridge the cultural gap."



# CURRENTS

## LIBRARY SYSTEM BOOKSALE

Location: Norma Freifield Reserve Reading Room (1-24 Cameron Library). Dates: 20 and 21 March. Time: 9 am to 4 pm.

## 'FORESTRY AFTER THE END OF NATURE'

Clark Binkely, Dean of UBC's Faculty of Forestry, will be speaking on "Forestry After the End of Nature," 20 March, 4 pm, in E-160 Chemistry Building.

His talk will be preceded by a poster display on forestry research at the University of Alberta. The display can be seen from 1 to 4 pm, also in E-160 Chemistry Building. At 3 pm there will be a verbal presentation of new research initiatives in the forestry program which is in its 20th year at the U of A.

## LAKE RESTORATION SUBJECT OF WORKSHOP

A workshop on "Lake Restoration: Expectations and Realities" is scheduled for 22 and 23 March at the Alberta Environmental Centre, Vegreville. The workshop is sponsored by the Alberta Department of Environment, the University of Alberta and the North American Lake Management Society. (The contact person on campus is Ellie Prepas, 492-3463.)

In day one, emphasis will be on a review of the American and European experience with lake restoration. In day two, this theme will continue but emphasis will be on a workshop format which will allow participants to take part in group discussions on the various topics and issues related to lake restoration. This will result in a series of recommendations on how to proceed within the Canadian context.

Registration—\$50 attendees, \$25 students—includes lunches on both days and a banquet on the evening of 22 March. Workshop proceedings are also included in the registration fee.

## 'FACTS ABOUT THE UNIVERSITY OF ALBERTA'

The Office of Public Affairs has a healthy supply of "Facts About the University of Alberta 1991." The brochure's 10 pages are packed with details, statistical and otherwise, about Canada's second-largest university. Call 492-2325 to obtain copies.

## LEARN ABOUT UNIVERSITY/INDUSTRY AWARDS PROGRAM

Isabelle Schmid, an Industrial Scientific Officer with the Medical Research Council of Canada, will be on campus 22 March to conduct two information sessions on the University/Industry Awards Program.

The program is designed to promote collaboration between university researchers and industry. The agenda for the sessions includes: a general program description; details of the University/Industry Awards Program; implications of Bill C-22 for the pharmaceutical industry; how to attract industrial collaborators; elements of a good university/industry grant proposal; and open discussion.

The morning sessions will be held in 2-07 Heritage Medical Research Building beginning at 9:30. The afternoon session will start at 1:30 and will be held in the same room. Each session will last about two hours and will cover the same materials. University of Alberta researchers interested in attending one of these sessions should register with Susan Babcock (492-5360) before 19 March.

## Federal grant revives petroleum institute

The federal government has breathed life into the Alberta Summer Institute for Petroleum Industry Development (ASIPID).

The program, which had been suspended for one year (1990) because of funding problems, now has a bank balance of \$1 million. Scott Thorkelson, MP for Edmonton Strathcona, saw to it 8 March with a cheque presentation at University House.

The grant will fund 40 to 45 positions in ASIPID, a two-month oil and gas training program for industry professionals from countries such as Kuwait, Jordan, Libya and China. Instruction is provided by more than 50 individuals from industry, and lecturers come from the University, industry and government. Half of the program is devoted to taking participants to a number of sites and having them observe and ask questions.

Since its inception in 1983, ASIPID has graduated 306 professionals from 49 countries.

"It's in Canada's interest to help developing countries help themselves and this is one way we can do it," Thorkelson said.

President Paul Davenport commented that ASIPID works because it's dealing with an area of strength at the University of Alberta—petroleum engineering. "In my view, there's no better way to invest in the development of other countries than through education."

After ASIPID was suspended last year, the Right Honourable Joe Clark struck a task force to recommend on Canada's international petroleum training. At the head of the task force were Thorkelson and Jim Edwards, MP for Edmonton South.

ASIPID, which is directed by Jim Campbell (Alberta International) is unique in Canada; there are similar programs in Colorado and Norway.



Scott Thorkelson (left) presents the cheque to Stan Milner, Chair of the Board of Governors

## Premier's Council on Science and Technology visits

The Premier's Council on Science and Technology spent 28 February at the University of Alberta. During the morning, Council members participated in a round table discussion on issues related to research and education in science and technology. In the afternoon, they toured a variety of research labs in the Faculties of Engineering, Science, Medicine, and Agriculture and Forestry.

The Council was formed in May 1990; its 30 members are from all parts of the province, including Calgary, Edmonton, Fort McMurray, Grande Prairie, Lethbridge,



Laser researcher Herb Seguin (Electrical Engineering) demonstrates his "flare" for the dramatic to (from left) Susan Babcock, Research Grants Office; Council members Marshall Williams, Chairman, TransAlta Utilities, and Arthur Dubbeldam, President, Jireh Industries Ltd; and David Norwood, Intellectual Property and Contracts Office.

Ardrossan and Medicine Hat.

Government members of the Council are John Gogo, Minister of Advanced Education; Shirley McClellan, Associate Minister of

Agriculture; and Ralph Klein, Minister of Environment.

The University of Alberta is represented by President Paul Davenport and Mary Spencer (Plant Science).

## Are we in for another long, hot summer?

### ABORIGINAL LEADERS SAY THERE'S BEEN VERY LITTLE PROGRESS

What's happened since the events of last summer's Oka crisis transpired? Not much, aboriginal representatives at the Native Awareness Days aboriginal sovereignty forum told listeners last Friday.

Dene Nation National Chief Bill Erasmus said he senses a frustration among aboriginal people "that I've never sensed before in my life. How many people are going to be prepared to continue talking?" he asked. "Next summer could be even worse."

Regional Vice-Chief for the Assembly of First Nations Lawrence Courtoreille said very little progress has been made on the outstanding

issues being discussed by aboriginal people and representatives of the federal government.

In fact, said Courtoreille, the federal government is dividing Indian leadership, meeting with those bands who are willing to play ball. "Some native groups have actually benefited as a result of not saying anything during the Oka crisis."

Both aboriginal leaders suggested that the potential for "another Oka" exists in the James Bay region, where the Quebec government is pushing ahead with an expansion of the hydro project. "If the Cree collectively decide to do something, they could do it," said Erasmus.

During the session, moderator Michael Asch (Anthropology) informed the gathering that the British Columbia Supreme Court had rejected claims made by the Gitksan and Wet'suwet'en Indians. The Indians claimed about 57,000 square kilometres of traditional lands; however, Chief Justice Allan McEachern ruled that aboriginal rights exist at the pleasure of the crown and were extinguished before the province entered Confederation.

The ruling will bring people together, said Dr Asch, "because it exposes the racist approach and therefore defines for everyone something that's very objectionable underneath."

Echoing comments made by Gitksan and Wet'suwet'en spokespersons, Erasmus said it's likely the decision will be appealed to the Supreme Court of Canada level. "They've had roadblocks in B.C. all winter," said Erasmus. "Imagine what the summer's going to be like in B.C."

Courtoreille said the decision is typical. Such claims are usually lost at the provincial court level, "but we'll win it at the Supreme Court level," he predicted.

The sombre, 8 March session dealing with contemporary issues was in marked contrast to the more upbeat events held during Native Awareness Days 1991. The theme

**"THEY'VE HAD ROADBLOCKS IN B.C. ALL WINTER. IMAGINE WHAT THE SUMMER'S GOING TO BE LIKE IN B.C."**

**BILL ERASMUS**

for this year's events was "Healing and Unity for Our Future." Other sessions dealt with the broad topics of family healing and native youth. Social functions were also integral to the 6 to 9 March proceedings.

## Terence Thornberry to deliver Nettler lecture

Terence Thornberry, former Dean of the School of Criminal Justice at the University at Albany, State University of New York, will deliver the third annual Nettler lecture in the Department of Sociology. The lecture is named for Gwynne Nettler, internationally recognized criminologist and Professor Emeritus of Sociology at the University of Alberta. It is designed to bring to the University scholars who are doing important criminological work.

Dr Thornberry, currently a professor at the University at Albany and Director of the Rochester Youth Project, has been an active member of the American Society of Criminology, holding posts that include executive counsellor and vice-president. He has been executive director of the International Prisoners' Aid Association, and has provided editorial services to *Criminology*, *Journal of Criminology and Criminal Law*, *Journal of Quantitative Criminology*, and *Social Forces*.

His current work with delinquents is regarded as timely and important both theoretically and empirically.

On 26 March at 7:30 pm (Tory Breezeway 1), Dr Thornberry will discuss the results of a study of delinquency that is being undertaken in Rochester, New York. The study, one of three multimillion dollar longitudinal delinquency studies being undertaken in the United States, has been in progress since 1987. Dr Thornberry, who has researched criminology for more than 20 years, will speak on "the social context of delinquency and drug use." Theoretical, empirical and policy issues will flavor his talk.

## 'Human laziness theory of leisure' explained

The Chair of Recreation and Leisure Studies at the University of Waterloo didn't think the "human laziness theory of leisure" would look particularly good in print, so he called it the psychological inertia principle of leisure.

Regardless of what it's called, social psychologist Roger Mannell was led to develop the theory based on his laboratory studies and recent work using experiential sampling methods.

"When you have freedom of choice and you don't have some kind of commitment, reward or external motivation to kick start you, then you 'veg out', you watch TV and you choose things that aren't very challenging," Dr Mannell, a Fellow of the American Academy of Leisure Sciences, told Recreation and Leisure Studies students and staff at the first of his public lectures 4 March.

"So much for this belief that if you give people lots of freedom and don't put motivational constraints on

people, they will choose things that are challenging, things that allow them to balance their skills with the challenges," he said, in explaining some of the findings of his research.

"I think, to some extent, we've probably overemphasized intrinsic motivation," he said. "I'm not saying it's not important, but by simply focusing on that, we've tended to ignore the extrinsic, doing things that require commitment like volunteering, that aren't always fun, but in the long run may have more potential to generate the kind of highly psychologically involving experiences that we know are meaningful and highly satisfying."

"We may have done a disservice to our field by emphasizing the freely chosen and intrinsic aspects too much," he said, and one of the questions that must be asked is whether there is an optimal balance between serious leisure and diversionary leisure?

The focus on psychological involvement is really only one facet of what we mean by leisure experience, he said. "What about transcendental or relaxing experiences? Surely they're important as well and our emphasis on flow in the last decade has probably blinded us to some of the other interesting aspects of what we mean by leisure."

Dr Mannell outlined five principles of his theory: extrinsic motivation can lead to intrinsic satisfaction; extrinsic rewards can be seen as a bonus; extrinsic rewards can help overcome resistance to engaging in "effortful" activities which actually have more potential to produce flow; serious leisure and commitment; and alternative explanations: age and other individual differences.

Dr Mannell is the Department of Recreation and Leisure Studies' Distinguished Visiting Professor for 1991.

## Threats to health care many and varied, McDaniel says

The threats to the health care system in Canada come from many places other than population aging, yet in spite of all the well-known challenges, the image of population aging posing the most serious challenge remains, says Susan McDaniel (Sociology).

"We're seeing that health care for older Canadians seems to be less of a priority than other things that our rich country might wish to support," she said, at the 1991 Warren Kalbach Population Conference held last week entitled "Population and Health Issues."

In her presentation ("Health Care in an Aging Canada: Constraint or Choice?"), Dr McDaniel said the issue of public versus private support of health care is largely a smokescreen.

"Administrative arrangements and payments might vary, but the dollars ultimately come from us and private systems have been shown to

cost more than public systems," she said. "The notion that we're putting health care in the private sector to save money is not borne out by the literature."

"Public health care support means greater support for the less well-off in Canada. Study after study has shown that better-off people economically can insulate themselves better in their older years against debilitating illness and isolation," she said. "So the people the cuts hurt most are those who are least well-off."

Dr McDaniel also argued that heroic interventions, such as heart transplants, may be more costly and less desirable for both the individual and society than providing basic health and social services to support health and independence longer.

And she said hospital-based health care is one of several possible approaches, "but not the only game in town."

Arguing against presumptions of constraints, Dr McDaniel said the future of health care in Canada is not cast in stone. "The choices, ultimately, are political and moral ones." Decisions are now being made about funding, universality, responsibility for use and overuse of the system and relative benefits to various health care professionals and patients.

"All this matters greatly in disentangling the population aging-health care cost conundrum. On the other hand, demographic aging does seem inexorable." If remaining healthy until very near the end of life becomes a reality in Canada, it may not be the case that per capita health care utilization will increase on a curve by age.

It's possible, she said, that it might plateau, leap up, and plateau again. "This possibility, along with others, reveals some of the perils in extrapolating from today's older people's health care needs to tomorrow's, particularly for women."

"Licencing of new medical doctors is an enormous issue," she said. "It's rather striking that in the case of medical doctor production, supply seems to drive demand—which is a bit of a conundrum for economists. The growth of MDs is substantially greater in Canada than the population growth."

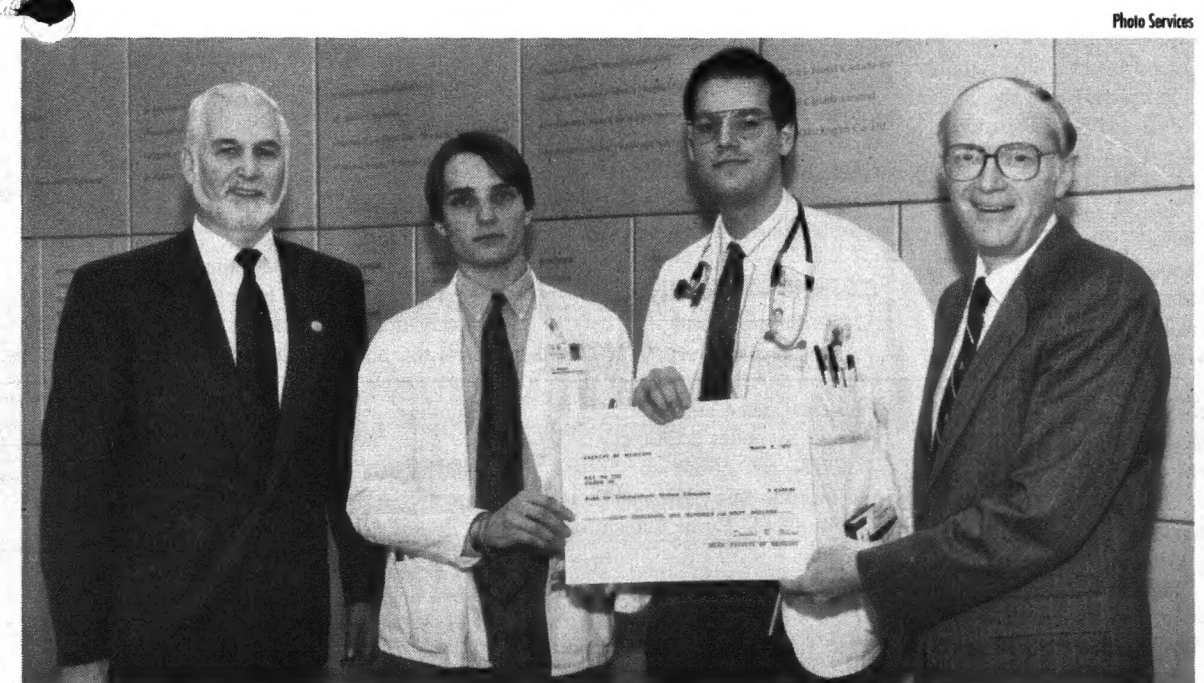
Political issues loom large, she pointed out, citing the last federal budget. "Federal health care transfer payments to provinces were cut by \$1.1 billion, starting in April of this year." And the National Council of Welfare estimates that federal transfer payments will end to Quebec in 1996-97, to Ontario in 2002-03 and to other provinces in 2007-08.

## FRIENDS OF FUME

Last year, a "strong majority" of medical students voted to establish a giving program in which they would each donate \$35 annually. FUME (Fund for Undergraduate

Medical Education) was officially initiated 7 March by (left to right) Gerry Glassford, Acting Vice-President (Development and Community Affairs); Greg Zeschuk, President of the Medical Students' Association; Ray Muzyka, FUME Coordinator; and Doug Wilson, Dean of Medicine. Dean Wilson

matched student pledges one-to-one with the result that FUME is \$8,160 to the good.





## TALKS

### PHYSICS

15 March, 2 pm  
Heiki Tamm, director, Environmental Review Office, Environmental Sciences and Waste Management, AECL, "Safe Disposal of Canada's Used Nuclear Fuel Waste." V-125 Physics Building.

### UNITED CHURCH CAMPUS MINISTRY

15 March, 3 pm  
Marjorie Suchocki, Ingram Professor of Theology and Women's Studies, Claremont Graduate School, Claremont, California, in conversation with Peter Schouls, Fran Hare, and Yvonne Mireau, "In Conversation with..." Cosponsors: Educational Foundations, Religious Studies, Women's Studies, and St Stephen's College. 158A SUB.

### HISTORY

15 March, 3 pm  
Martha Bohachevsky-Chomiak, National Endowment for the Humanities, Washington, D.C., "Women's Studies: A Key to Understanding Change in Eastern Europe." TBW-1 Tory Building.  
15 March, 7:30 pm  
Dr Bohachevsky-Chomiak, "Feminism and Nationalism in Contemporary Soviet Union." 2-115 Education North.  
20 March, noon  
Martin Mintchev, member of the Union of Democratic Forces, "The Current Political Situation in Bulgaria." 2-58 Tory Building.

### ENVIRONMENTALLY RELATED SEMINARS AND EVENTS

If you wish to have an environmentally related event listed under this section, please contact: The Environmental Research and Studies Centre, 492-6659.

Zoology  
15 March, 3:30 pm  
VM Zakharov and NK Koltzov, Institute of Developmental Biology, USSR Academy of Sciences, "Developmental Stability and Population Biology." M-149 Biological Sciences Centre.

Forest Science  
20 March, 2 pm  
Clark Binkley, Forestry, University of British Columbia, "Forestry After the End of Nature." 1-60 Chemical-Mineral Engineering Building.

Geography  
20 March, 3 pm  
Martin Sharpe, Department of Geography, University of Cambridge, "Glacial Research in the Swiss Alps and Other Environments." 3-36 Tory Building.

Zoology  
20 March, 3:30 pm  
Brian Moss, University of Liverpool, "Restoration of a Shallow, Wetland Riverine Lake Ecosystem, the Norfolk Broad—A Case Study of Science and Scientist." M-149 Biological Sciences Centre.

Botany  
21 March, 4 pm  
Carol Peterson, University of Waterloo, "The Significance of the Exodermis in Angiosperm Root Function." M-149 Biological Sciences Centre.

Soil Science  
21 March, 12:30 pm  
Claudia Palyulyk, "LANDSAT TM and GIS for Soil Erosion Risk Monitoring." 2-36 Earth Sciences Building.

Limnology and Fisheries  
21 March, 12:30 pm  
Dan Canfield, University of Florida, "Long-term Effects of Vegetation Removal by Grass Carp in Eutrophic Florida Lakes." M-149 Biological Sciences Centre.

Agricultural Engineering  
22 March, 1:30 pm  
Wally Nicholaichuk, chief, National Hydrology Research Institute, "Water Quality Issues for Sustainable Agriculture." 1-13 Agriculture-Forestry Centre.

Geography  
22 March, 3 pm  
Martin Sharp, Department of Geography, Cambridge, "Glacial Research in the Swiss Alps and Other Environments." 3-36 Tory Building.

Zoology  
22 March, 3:30 pm  
Erwin Huebner, Zoology, University of Manitoba, "Cytoplasmic Transport: Cytoskeletal and Electrophysiological Aspects." M-149 Biological Sciences Centre.

### CANADIAN INSTITUTE OF UKRAINIAN STUDIES

15 March, 7:30 pm  
Martha Bohachevsky-Chomiak, National Endowment for the Humanities, Washington, D.C. "Feminism and Nationalism in the Contemporary USSR." 2-115 Education North.

### MUSIC

16 March, 11 am  
J Evan Kreider, University of British Columbia, "Music and European Foreign Policy, 1096-1454." 1-29 Fine Arts Building.  
28 March, 3:30 pm  
John Martens, Daniel Lichti, Colin Ryan, and Jeremy Spurgeon, "Recitative in Bach's St Matthew Passion." Moderator: Leonard Ratzlaff. 1-29 Fine Arts Building.

### FAMILY STUDIES

18 March, 10:30 am  
Doris Badir, "Home Economics Research: Defining the Parameters of the Discipline." 3-57 Assiniboia Hall.

### COMMITTEE FOR THE IMPROVEMENT OF TEACHING AND LEARNING

18 March, 3 pm  
Marion Vosahlo, "Students with Disabilities—What Instructional Modifications Might You Make?" TBW-2 Tory Breezeway.

19 March, 12:30 pm  
Barbara Paulson, "Older, But Are They Wiser? Mature Students in Your Classroom." 235 CAB.

20 March, 3 pm  
Jim Robb, "Institutional Responses to Work Overload." 235 CAB.

21 March, 12:30 pm  
Shirley Dean and Yvonne Peat, "Managing Your Travel Funds." 235 CAB.

21 March, 4 pm  
Fred Vermeulen, "Making and Using Simple Computer Movies to Help Students Understand Difficult Concepts." 436 Civil-Electrical Engineering Building.

### RURAL ECONOMY

A panel series entitled, "The EEC: Emerging Canadian Implications." Panelists: LP Apedaile, LF Constantino, and ML Lerohl.  
18 March, 3:15 pm  
"Land Use Changes in the EEC and Implications for Canada." 519 General Services Building.

### COMPUTING SCIENCE

18 March, 3:30 pm  
Geoff Hinton, University of Toronto, "Connectionism." 619 General Services Building.  
20 March, 3:30 pm  
David Israel, SRI International, "Nonmonotone Inference Relations." 619 General Services Building.

25 March, 3:30 pm  
Larry Davis, University of Maryland, "Connection Machine Vision and Planning." 619 General Services Building.

### EAST ASIAN LANGUAGES AND LITERATURES

18 March, 4 pm  
CY Cheng, "Chinese Poets Abroad." 1-10 Business Building.

### ENGLISH

18 March, 4 pm  
Norman H MacKenzie, emeritus professor of English, Queen's University, "Worlds of Wanwood": Hopkins and the Environment." L-3 Humanities Centre.

19 March, 3:30 pm  
Sheila Watson Reading Series—Canadian poet Douglas Barbour and Scottish poet John Glenday, Scottish/Canadian Writer-in-Residence Exchange Fellow, read from their newest work. L-3 Humanities Centre.

26 March, 3:30 pm  
Gary Watson, "The Crisis in English Studies: What We Can't Help Teaching." L-3 Humanities Centre.

28 March, 3:30 pm  
Sheila Watson Reading Series—award-winning Canadian novelist Sandra Birdsell reads from her work. L-3 Humanities Centre.

### HISTORY AND SLAVIC AND EAST EUROPEAN STUDIES

18 March, 7 pm  
Mikhail V Dmitriev, Department of South and West Slavic History, Moscow State University, "Christian Tradition in Russia: XIV-XIX Centuries. How Deeply Was Russia Christianized?" TBW-1 Tory Breezeway.

20 March, 4 pm  
Professor Dmitriev, "Did the Reformation Touch East Slavs? Protestant Sects Among the East Slavs in the Late Middle Ages and Early Modern Times." 141 Arts Building.

### CANADIAN FEDERATION OF UNIVERSITY WOMEN

18 March, 7:30 pm  
Ray Rasmussen, "Parks and Wilderness." Information: Ann Stewart, 435-1277. Faculty Club.

### GEOLOGY

19 March, 11 am  
H Roy Krouse, Department of Physics, University of Calgary, "Understanding the Sulphur Cycle with Stable Isotopes." 104 Earth Sciences Building.

### INTERNATIONAL CENTRE

19 March, 12:30 pm  
Cathy Barker, past member of the Women and Development Working Group of the Canadian Council for International Cooperation, "Feminist Approaches to Development." 172 HUB International.

20 March, noon  
Greg Brandenburg, Christian Farmer's Federation of Alberta, "The Impact of International Debt on Women's Access to Financial Resources." 172 HUB International.  
21 March, 7 to 9:30 pm  
"The Gender Factor in Development: An Introductory Workshop"—preregister by 4:30 pm, 15 March. 172 HUB International.

26 March, 12:30 pm  
"Global Assembly Line"—a 58-minute video portraying the lives of women in the 'free trade zones' of the Third World as US transnational companies search the globe for lower wage work forces. 172 HUB International.

27 March, noon  
Shushila Samy, Human Rights Officer, Canadian Human Rights Commission, "Women at Work in Global Factories." 172 HUB International.

### REHABILITATION MEDICINE

19 March, 3 pm  
Susan Esdaile, Department of Occupational Therapy, Dalhousie University, "Working with Mothers of Pre-School Children: Assessment of Needs and Evaluation of Intervention Outcomes." 1009 UAH Education and Development Centre.

### PHILOSOPHY

19 March, 3:30 pm  
David Israel, AI Center, Stanford Research Institute, "Actions and Movements." 4-29 Humanities Centre.

### HUMAN ECOLOGY: ISSUES IN THE NORTH

19 March, 3:30 pm  
C Twin, "Innovative Legal Perspectives on Substance Abuse, Family Violence and Child Custody Issues." 207A Law Centre.

26 March, 3:30 pm  
M Gregg, Inuit Women's Association, "Inuit Families: A Personal Perspective on Contemporary Issues." 207A Law Centre.

26 March, 8 pm  
M Gregg, "Human Ecological Perspectives on Education, Traditional Knowledge, and Community Health." L-3 Humanities Centre.

### ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

19 March, 4 pm  
Barbara G Langer, staff scientist, University City Science Center, Philadelphia, "Role of Carbohydrate in the Function of Fibrinogen." Presented by Anatomy and Cell Biology. 5-10 Medical Sciences Building.

### MINING, METALLURGICAL AND PETROLEUM ENGINEERING

20 March, 1 pm  
Hani Henein, "The Use of Expert Systems in the Iron and Steel Industry." 535 Chemical-Mineral Engineering Building.

### PHYSICAL EDUCATION AND SPORT STUDIES

20 March, 4 pm  
RG Wilberg, "How May Movement Be Understood: A Trip Through the Minefield of Movement Models." E-120 Van Vliet Centre.

### COMPARATIVE LITERATURE

20 March, 4 pm  
Hans Mooij, "The Minimal Conditions of Narrativity." 326 Arts Building.

27 March, 4 pm  
Hans Mooij, "Fictional Discourse and Fictional Objects." Senate Chamber, Arts Building.

28 March, 3:30 pm  
ED Blodgett, "Disseminating the Canadian Literatures." Senate Chamber, Arts Building.

### ALBERTA RESEARCH COUNCIL

20 March, 7 pm  
John R McDougall, vice-president, McDougall and Secord, "Alberta's Move Into High Technology...A Look at the Challenges Facing Alberta in a Global Economy." Followed by a panel discussion with H Gunning, E Wiggins, and G Bolton. Moderator: Robert Heimann. Auditorium, Alberta Research Council, 250 Karl Clark Road.

### CLOTHING AND TEXTILES

21 March, 11 am  
Bonnie Halvorson, "The Effects of Light on Selected Properties of Parylene Coated Silk Fabric." 131 Home Economics Building.

28 March, 11 am  
Jackline Tan, "Thermal Protective Clothing." 131 Home Economics Building.

### ENTOMOLOGY

21 March, 4 pm  
John F Addicott, "Analysis of Cheating in Pollination/Seed Predation Mutualism: Yuccas and Figs." TBW-1 Tory Breezeway.  
28 March, 4 pm  
Hector Carcamo, "The Effect of Agricultural Practice on the Carabid Fauna of Central Alberta." TBW-1 Tory Breezeway.

### AGRICULTURAL ENGINEERING

21 March, 4 pm  
Odd Skjelhaugen, "Liquid Composting of Farm Manure." 342 Chemical-Mineral Engineering Building.

### INTERDISCIPLINARY MATERIAL CULTURE LECTURE SERIES

21 March, 7:30 pm  
Minnie Freeman, Inuit writer, "How Inuit Women Pass on Their Traditional Knowledge About Clothing." 2-11 Humanities Centre.

### ART AND DESIGN

22 March, 3:30 pm  
Serge Guilbaut, Department of Fine Art, University of British Columbia, "Cultural Fallout in Europe During the Cold War." 2-20 Fine Arts Building.  
23 March, 2 pm  
Serge Guilbaut, informal seminar. 2-28 Fine Arts Building.

### GENETICS

22 March, 4 pm  
Curt Strobeck, "The Genetic Relationship Between Woods and Plains Bison: Are They Good Subspecies?" G-217 Biological Sciences Centre.  
28 March, 4 pm  
Charlotte Spencer, "Promoter Elements Program the C-Myc Block to Transcription Elongation." G-217 Biological Sciences Centre.

### LAW

23 March, 9:30 am  
Saturday Morning at the Law School—"Medicine and the Law." Information: 492-3115. Law Centre.

### PHARMACOLOGY AND CARDIOVASCULAR RESEARCH GROUP

25 March, 4 pm  
R David Andrew, Department of Anatomy, Queen's University, "Seizure Susceptibility and the Osmotic State." 207 Heritage Medical Research Centre.

### SOCIOLOGY

26 March, 7:30 pm  
Terence P Thornberry, former dean, School of Criminal Justice, University at Albany, State University of New York, "The Social Context of Delinquency and Drug Use." TBW-1 Tory Breezeway.

### MISNER/MARGETTS WOMEN'S RESEARCH CENTRE

27 March, 7:30 pm  
Lynda Ross, "Women and Distance Education: Self Concept; Completion and Attrition." 11043 90 Avenue.

### SOIL SCIENCE

28 March, 12:30 pm  
Xiaomei Li, PhD candidate, Department of Soil Science, Oregon State University, "Role of Turgor Potential and Osmotic Adjustment in Plant Growth." 2-36 Earth Sciences Building.

### LIMNOLOGY AND FISHERIES DISCUSSION GROUP

28 March, 12:30 pm  
Kerry Brewin, "Brown Trout Spawning in the Upper Bow River." M-149 Biological Sciences Centre.



## EXHIBITIONS

## MCMULLEN GALLERY

Until 29 March

"Facets of Italy." Gallery hours:  
Monday to Friday, 10 am to 4 pm;  
Saturday and Sunday, 1 to 4 pm.  
Information: 492-8428, 492-4211.  
Walter C Mackenzie Health Sciences  
Centre.

## MUSIC

20 March, noon

Visiting Artist Recital and Piano  
Masterclass—Vladimir Levitov, pianist.  
Convocation Hall.

## FILMS

## GERMANIC LANGUAGES

19 March, 7:15 pm

"Quick" (1932)—black and white  
in German with English subtitles. 141  
Arts Building.

## NO FOLIO 29 MARCH

Owing to the Good Friday  
holiday, *Folio* will not publish  
29 March. Also, the long week-  
end necessitates that the deadline  
for display and classified adver-  
tisements and "Events" listings  
for the 5 April issue be moved to  
Wednesday, 27 March, at 3 pm.

The University of Alberta is  
committed to the principle of equity in  
employment. The University encour-  
ages applications from aboriginal  
persons, disabled persons, members of  
visible minorities and women.

## SUPPORT STAFF

To obtain further information on  
the following positions, please contact  
Personnel Services and Staff Relations,  
2-40 Assiniboia Hall, telephone 492-  
5201. Due to publication lead time and  
the fact that positions are filled on an  
ongoing basis, these vacancies cannot  
be guaranteed beyond 8 March 1991.  
For a more up-to-date listing, please

consult the weekly *Employment  
Opportunities Bulletin* and/or the  
postings in PSSR.

Positions available as of 8 March  
1991.

The limited number of vacancies  
is a result of the current Support Staff  
hiring freeze.

The salary rates for the following  
positions reflect adjustments in  
accordance with the terms for the  
implementation of the Pay Equity  
Program.

ADMINISTRATIVE CLERK  
(ACCOUNTS) (Grade 5), Zoology,  
(\$1,784 - \$2,210)

LABORATORY TECHNOLO-  
GIST (Grade 7), Provincial Laboratory,  
(\$2,125 - \$2,663)

The following positions retain  
salary rates in accordance with the  
previous classification system and pay  
plan.

BIOCHEMISTRY TECHNOLO-  
GIST I (Part-time/Trust) (21 hours/  
week), Biochemistry, (\$1,286 - \$1,659)  
TECHNICIAN I (Trust), Microbi-  
ology, (\$1,738 - \$2,234)

TECHNICIAN I (Trust), Medicine  
(Gastroenterology), (\$1,738 - \$2,234)

TECHNICIAN I (Trust), Psychia-  
try, (\$1,738 - \$2,234)

TECHNICIAN II (Trust),  
Medicine, (\$1,973 - \$2,537)  
TECHNOLOGIST I (Trust),  
Rehabilitation Medicine, (\$2,143 -  
\$2,765)

TECHNOLOGIST I/II (Trust),  
Genetics, (\$2,143 - \$3,018)  
BIOCHEMISTRY TECH-  
NOLOGIST I/II (Trust), Biochemis-  
try, (\$2,143 - \$3,018)

ANIMAL TECHNICIAN III  
(Trust), Surgery, (\$2,234 - \$2,889)

DEVELOPMENT OFFICE  
COORDINATES PHONATHON

The Development Office is seeking student volunteers for a  
phonathon this weekend (15 to 17 March) and again next weekend  
(22 to 24 March).

Some 3,500 Edmonton area alumni who have donated to the Uni-  
versity within the past year and a half will be contacted during the  
phonathon. There will be five shifts per weekend.

In asking for volunteers, the Development Office says the revenue  
from the appeal will benefit programs in all Faculties. "You will have  
the chance to talk to alumni and tell the University's story. A success-  
ful campaign is not possible without the participation of 50-75 student  
representatives."

Students will have two purposes for calling: to ask for donations  
and to get the alumni's opinion of a direct mail package which the  
Development Office disseminated in late November.

A prize of \$250 will go to the charity of choice of the student  
group raising the most money and to the student group filling the most  
calling shifts.

## ARTranslation

Translation & Editing Services

**Annie Robberecht**

Certified Translator (ATIA, STQ)

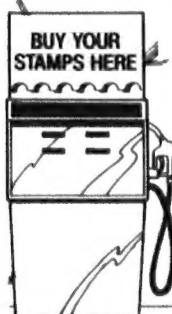
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## U of A Postal Outlet

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For 40¢, a postage stamp can carry your thoughts a long way.  
And you don't have to go out of your way to get one. Because  
we carry a handy assortment of packaged stamps right here in  
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- 10 pack - 40¢ stamps (Canada) \$4.00
- 25 pack - 40¢ stamps (Canada) \$10.00
- 5 pack - 46¢ stamps (U.S.A.) \$2.30
- 5 pack - 80¢ stamps (International) \$4.00



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492-2439

University of Alberta  
Edmonton



Dr Raymond U Lemieux,  
FRS University Professor

THE RAYMOND U LEMIEUX  
LECTURES ON BIOTECHNOLOGY

"Opportunities and Challenges  
for Biotechnology in the 1990s"

FIFTH LECTURE

**Dr Robert B Church**

Professor of Medical Biochemistry and  
Biological Sciences and  
Acting Assistant Dean (Medical Science),  
University of Calgary

**3:00 pm, Thursday  
March 28, 1991**

**Tory Lecture Theatre TL-B1**

Dr Church has been actively involved  
in technology transfer from the basic  
sciences to genetics, reproductive  
physiology and molecular biology  
to agricultural and biotechnology  
industries.

To honour  
Dr Lemieux for  
his contribution  
to Alberta's  
biotechnology  
industry.

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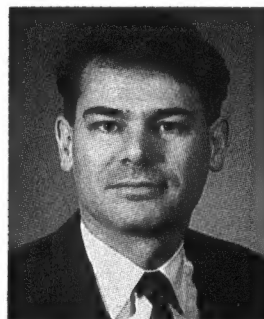
Recent amendments to United States tax legislation may affect  
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Our specialists will assist you in planning and filing of United States  
personal and corporate tax returns.

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Fred Partington



Barry James



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& Lybrand**



# ACCOMMODATIONS AVAILABLE

**VICTORIA PROPERTIES** - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call (604) 595-3200, Lois Dutton, Re/Max Ports West, Victoria, BC.

**GREAT BRITAIN? LONDON APARTMENT?** Country cottage? Castle/manor apartment? Villa in France, Italy? Hearthstone Holidays, PO Box 8625, Station L, Edmonton, T6C 4J4. Phone (403) 465-2874, Fax (403) 468-5517.

**SALE** - 10930 87 Avenue, revenue property, \$14,400/year income. Six bedrooms, two fridges, two kitchens, two bathrooms, two hot water heaters (33 gallons each in parallel). Asking \$133,900. To view, 433-8302.

**SALE/RENT** - Malmo bungalow, mint condition, five bedrooms, developed basement, double garage. Five minutes to University, near schools, shopping. 436-3523 (evenings), 492-2423 (work).

**SABBATICAL RENT/EX-CHANGE** - Central, four bedroom, historic house, overlooking river valley. \$1,200/month. Wanted in Ottawa - two/three bedroom house. Six plus months, September 1991. Nan (403) 429-2226 (evenings), 495-4880 (days).

**RENT** - Furnished house in Petrolia. Four bedrooms, 3 1/2 baths, available June 1991 - May 1992, \$1,000 plus utilities. References required. Phone 437-7924 (leave message).

**VISITING TORONTO?** - Bed and Breakfast in our restored downtown home. From \$45 daily. Furnished apartment available on weekly basis (1 to 4 people). Ashleigh Heritage Home (416) 535-4000.

**RENT** - Executive, Southgate, five bedroom home, double garage, finished basement. 15 May. 434-0524.

**SALE** - Parkallen semi-bungalow. Redecorated with large deck off kitchen. Possession negotiable. Appliances included. Call 437-5159.

**RENT** - Furnished one bedroom apartment on Saskatchewan Drive. Available for May to August. \$500/month, 431-1592 (home), 465-8723 (work).

**RENT** - Unfurnished two bedroom house. Windsor Park, near University. Available June, \$1,100/month. 432-0626.

**SALE** - Spacious Blue Quill Estates bungalow. Open plan, conversation pit by brick fireplace. Large bright kitchen, five piece ensuite. Large heated attached garage. Excellent route to University. Dan Hunka, 438-5100.

**SALE** - Laurier Heights, near University bus routes, three-level split, 1,485 square feet, quiet, bright, vaulted ceilings, modern renovations, large lot, heated studio/workshop, \$129,900. Must see. 489-6699.

**SALE** - By owner. University area, apartment/condo. Two bedrooms, two bathrooms. Fireplace, balcony. Five appliances, sauna in building. \$84,900. Leave message, 439-2445.

**RENT** - Bright, sunny, four bedroom house. August/September 1991-February 1992. 430-6196. 492-1494.

**RENT** - Furnished one bedroom apartment near University. May-August (possibly longer). Rent negotiable. 439-7153.

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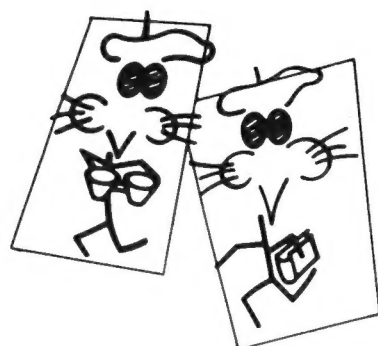
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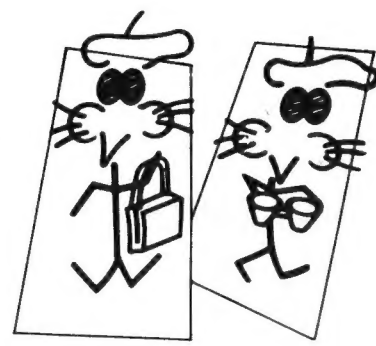
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